

Attorney Docket: 173/50483
PATENT10/18/02
(NE)T.W.
10-26-02IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MICHAEL PITTROFF ET AL.
Serial No.: 09/988,820 Group Art Unit: 1724
Filed: NOVEMBER 20, 2001 Examiner: Robert Spitzer
Title: ISOLATION OF SF₆ FROM INSULATING GASES IN GAS-
INSULATED LINES

AMENDMENTCommissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 29, 2002, please amend the
above-identified application as follows.

IN THE CLAIMS:

Please cancel claim 2 without prejudice or disclaimer.

Please amend claim 1 as follows:

(A copy of the marked-up version of amended claim 1 is attached to this
Amendment.)

1. (Amended) A process for separating a mixture of SF₆ and N₂, the
SF₆/N₂ mixture being obtained from a gas insulated line, comprising introducing
the mixture to a mobile membrane separator comprising at least one separating
membrane which preferentially passes N₂ to obtain an SF₆ enriched retentate
and a N₂ enriched permeate, wherein said mixture has an initial SF₆ content of
from 5 to 50 volume-%, said at least one membrane comprises a polymer matrix

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